

AMENDMENTS TO THE CLAIMS:

Please amend claims 1 and 3 as indicated in the following listing of claims, which replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A power line communication device for a vehicle, comprising:

a voltage follower configured to receive a reception communication signal with an input terminal, to generate a ~~standard level~~voltage potential for comparison which follows direct-current voltage fluctuation at the input terminal, and to output the ~~standard level~~voltage potential for comparison and the communication signal; and

a comparator unit configured to receive the ~~standard level~~voltage potential for comparison and the communication signal, to compare the ~~standard level~~voltage potential for comparison with the communication signal, [[and]] to amplify the communication signal which is superimposed and modulated on direct-current power on a power line, and to output an output signal comprising the amplified communication signal,

wherein the voltage potential and the communication signal are substantially independent of the output signal; and

the power line communication device for the vehicle is included in an electronic control unit controlling respective functions of the vehicle, connected to the power line supplying the direct-current power to the vehicle, and configured to receive the communication signal superimposed on the direct-current power on the power line, to separate and extract the communication signal superimposed on a direct-current component, to superimpose and transmit the generated communication signal on the

direct-current power on the power line, and to transmit and receive the communication signal between the electronic control units unit and a second electronic control unit.

2. (Currently Amended) The power line communication device for vehicle according to claim 1,

wherein the comparator unit comprises a comparator including a first input terminal and a second input terminal,

the voltage follower comprises:

voltage-dividing resistors connected in series between a high-voltage power source and a low-voltage power source; and

a capacitor configured to remove a given frequency component from the reception communication signal and to obtain a direct-current component of the communication signal, and

a first junction of the voltage-dividing resistors is connected to the first input terminal, a second junction of the voltage-dividing resistors is connected to the second input terminal, and the capacitor is connected between the first input terminal and a ground the low-voltage power source.

3. (Currently Amended) The power line communication device for vehicle according to claim 1,

wherein the comparator unit comprises [[the]] a comparator including [[the]] a first input terminal and [[the]] a second input terminal,

the voltage follower comprises:

[[the]] voltage-dividing resistors connected in series between [[the]] a high-voltage power source and [[the]] a low-voltage power source; and
a filter configured to remove a given frequency component from the reception communication signal and to obtain a direct-current component of the communication signal, and
[[the]] a first junction of the voltage-dividing resistors is connected to the first input terminal, [[the]] a second junction of the voltage-dividing resistors is connected to the second input terminal, and the filter is connected to the first input terminal.